

**Attachment iii**  
**STATEMENT OF WORK**  
**PLANNING/ENGINEERING/ENVIRONMENTAL ASSISTANCE**

**A. Introduction**

The Millennium Challenge Corporation (MCC) has a requirement for project assessment/implementation expertise related to various infrastructure programs in MCC affiliated countries. The MCC will obtain the required services through a competitive procurement to provide professional experience related to planning, engineering, environmental and architectural consultation.

**B. Program and Project Overview**

On January 23, 2003, the United States established the Millennium Challenge Corporation (MCC), an innovative foreign assistance program designed to reduce poverty by promoting sustainable economic growth. MCC, a U.S. government corporation, is based on the principle that aid is most effective in countries that promote good governance, economic freedom, and investments in people.

MCC's overriding objectives are to promote economic growth and a significant reduction in poverty in our partner countries. MCC does not take it for granted that programs that stimulate growth will invariably reduce poverty. MCC looks at the likely distributive effects of projects and, to the extent that data are available to perform such an analysis, identifies the beneficiaries and estimates the impact on poverty reduction. Ultimately, MCC seeks significant and measurable increases in incomes of large numbers of poor people and significant reductions in poverty.

MCC analyzes the likely impact on economic growth of its programs by analyzing whether they are consistent with international and country evidence on drivers of economic growth and by use of economic rate of return (ERR) analysis. The essence of such an analysis is a straightforward comparison of costs and benefits, where the costs are the MCA grants, other front-end project development costs, and associated project life cycle operating and maintenance costs, and the benefits are increases in incomes in recipient countries.

**C. Country**

El Salvador and any MCC eligible country.

**D. Scope**

MCC has a requirement for the services of a professional infrastructure sector planner/engineer with experience in the planning and design of complex construction projects to assist in the assessment, implementation planning and construction review and monitoring of the technical, environmental and logistical aspects of various projects.

## **E. Advisory Tasks**

### **Assessing the Current Program and Providing Recommendations**

- Assist MCC in the review for the adequacy of all documentation (including but not limited to terms of reference, cost estimates, bidding documents for procurements, environmental management plans, evaluation panel reports, progress reports, typical contracts, schedules, site selection, and change order requests) provided by the MCA-eligible country. Advise action as appropriate.
- Assist MCC in assessing the capacity of the MCA-eligible country's engineering firms and construction consultants to successfully execute the Compact projects, given time, budget, and procurement constraints.
- Assist MCC in assessing the capacity of the current MCA-eligible country entity in regard to the implementation of construction supervision and works. Report to MCC recommendations to expeditiously build the capacity of the MCA or outsource such work if deemed necessary.
- Assist MCC in discussions with the MCA on best practices in managing the design and construction of works, including the roles and responsibilities of MCC, MCA, project management consultants, design engineering firms, construction supervisory firms, and construction consultants.
- Additional travel to the MCA-eligible country for finalization of recommendations or presentation of recommendations as required.

### **Implementation Planning**

- Assess and recommend improvements to proposed timing, institutional framework and management arrangements for the implementation of the project, as well as the post-construction arrangements for maintenance.
- Work closely with MCC and MCA-eligible country's infrastructure, environment and economics staff to review and comment on a Work Plan, Budget, Staffing and Institutional Arrangements for project implementation.
- Assess and recommend improvements of all bidding documents.
- Assess and recommend improvements to technical and cost submittals and provide input to MCC with regard to their quality, perceived shortcomings in the packages, and evaluation of the design considerations, as necessary for the MCC to gauge the likelihood that contracts awarded to those submitters will result in substantially good delivered products.
- Review proposal evaluation reports from technical panel and procurement agent.
- Assist MCC in reviewing Terms of Reference for project management/construction supervision services and other project related services solicited by the MCA-eligible country and provide comments and recommendations as necessary to provide understanding and information on industry best practices and procedures.

### **Services During Implementation**

- Assist MCC in reviewing and assessing the adequacy of documentation (including but not limited to terms of reference, bidding documents for procurements, evaluation panel reports, progress reports and change order requests) provided by the MCA-

eligible country for “no objection” approval, authorization or content. Advise action as appropriate.

- Assess and recommend improvements to final detailed design plans, cost estimates, specifications and tender documents to ensure that documents are fully ready for construction procurement and are within MCC’s Compact budget, within acceptable international standards.
- Undertake missions, as required by MCC, and provide review of construction progress, Quality Assurance and Quality Control, EMP and/or H&S compliance, and material usage as per standard construction practice.
- Assess potential risks to the MCC including cost overruns, constructability, technical appropriateness, liability and develop risk mitigation plans, as required.
- Review the consultant’s progress reports and identify potential problems that could introduce risk to the MCC and provide advice on mitigation measures.
- Provide general and specific technical advice and assistance to MCC related to the implementation of the Project Activity.

### **Services During Project Closure and Post Closure**

- Provide general technical and specific advice and assistance to MCC related to the closure of the Project Activity, including (but not limited to) final as build plans, final quantities, and resolution of unresolved technical and construction related issues.
- Provide specific technical advice and assistance to MCC related to claims
- Provide general technical and specific advice and assistance to MCC related to post-closure activities of a project during its defects liability notification period.

### **Other Technical Assistance**

From time to time, and as required, the Consultant may be required by the MCC Contracting Officer’s Technical Representative (COTR) and/or Project Monitor (PM) to provide other advice and counsel to the MCC. This may include but is not limited to:

- Review proposal evaluation reports from technical panel and procurement agent;
- Review proposed implementing entity arrangements and cooperation agreements between governmental entities as they pertain to the projects;
- Review safety design features, recommendations and applicable programs;
- Review maintenance plans and funding arrangements;
- Review conditions precedent in Compact to ensure progress made is in line with MCC expectations;
- Travel to the MCA-eligible countries, such as El Salvador;
- Assist MCC in reviewing qualifications of key MCA-eligible country technical staff prior to their engagement;
- Assist MCC in reviewing the adequacy of all reports that are provided by the Consultant(s), Implementing Entity and Accountable Entity, and that the reports fulfill the reporting requirement obligations of these entities under the Program to assist MCC’s authorization of disbursement requests; and

- Assist MCC in the production of draft Implementing Entity Agreements with consultation of the Implementing Entity, MCC, MCA-eligible country and other relevant government entities.

## F. Deliverables

The Consultant shall assist MCC in reviewing the design and implementation planning and oversight in MCC eligible countries. The Consultant will provide services to MCC on an as needed basis, as required. To support MCC in the flexible and timely manner needed to meet the evolving needs of Compact development and negotiation, technical directives under this statement of work will be issued and the Consultant deployed each time the Consultant's services are needed over the course of this contract. No additional tasks shall imply any additional costs to the Government beyond the amount allowed for in the initial call order; however, this call order may be amended to reflect additional costs associated with implementation planning and oversight requirements in additional countries.

Deliverable 1: Trip reports, ad hoc reports or information as may be requested by the COTR/PM.

Deliverable 2: Final report, including comments by MCC, due as per agreement.

## G. Conflict of Interest

The consultant will be precluded from bidding on work and services (design, assessment, construction and supervision) to be procured by the local MCA accountable entity or using funds advanced under a Threshold in the relevant country, unless the consultant submits a mitigation plan sufficient to ameliorate any conflict of interest pursuant to the rules applicable to the procurement process.

## H. Period of Performance

All work under this contract will be completed between effective date of the contract award through a one year base period. MCC may extend the contract for up to four additional years, depending on MCC continued requirement, consultant's performance and MCC's satisfaction (see Clauses "Increase in Services", "Increase in Services/Option CLIN", and Option to Extend the Term of the Contract"). The estimated level of effort required to complete the tasks included in this technical directive is indicated in the following table. MCC anticipates this level of effort but does not guarantee this level of effort as it may increase or decrease.

### El Salvador

| Task              | Estimated Hours Base | Estimated Hours Option Yr 1 | Estimated Hours Option Yr 2 | Estimated Hours Option Yr 3 | Estimated Hours Option Yr 4 |
|-------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1. Advisory Tasks | 300                  | 275                         | 275                         | 275                         | 275                         |
| <b>Total</b>      | <b>300</b>           | <b>275</b>                  | <b>275</b>                  | <b>275</b>                  | <b>275</b>                  |

## **I. Performance Location**

Consultant will perform the tasks under this contract in MCC-eligible countries, in MCC offices in Washington DC, and/or at his own facilities.

## **J. Qualifications of Consultant**

The qualifications of Consultant suited for this assignment include the following:

1. Technical Competence
  - Ability to identify implementation risks and appropriate mitigation measures.
  - Ability to work as part of multi-disciplinary project teams.
  - Ability to brief high-level U.S. and foreign government officials on critical technical matters.
  - Coordinate with local authorities responsible for MCC Compact development as well as other donors, where relevant.
  - Skilled in performing project analysis and appraisal, with an ability to identify the essential risks and issues (including environmental and social) of concern to a funding entity.
2. Past Performance and Experience with Similar Projects
  - Educational background in Civil Engineering, professional experience (and licenses or professional registration, where appropriate) in one or more infrastructure sub-sector.
3. International Experience
  - Experience working in developing countries, preferably in Latin America.
4. Language Skills
  - Excellent oral and written communication skills in English (if also in Spanish it will be a plus).
5. Ability to Mobilize quickly

## **K. Contracting Officer Technical Representative/Project Monitor**

The COR/PM shall have technical responsibility over the Consultant. Any change in the terms of the Statement of Work must be made in writing and approved by the COR. No representation of the COR/PM shall serve as a basis for an alteration in the general scope of this Contract or of the terms and conditions of the Contract unless confirmed in writing by the COR. The Consultant must communicate with the Contracting Officer on all matters that pertain to the Contract terms. Proceeding with work without proper contractual coverage could result in nonpayment for that work.

## **L. Travel**

MBO Partners and its consultants must adhere to MCC Travel Guidelines regarding Cabin Class Guidelines. The list for the **Cabin Class Guidelines by Country can be** found at: <http://thevine/documents/PoliciesandProceduresforTemporaryDutyTravel-AF-2008-13-2-Rev-10-29-09.pdf>